






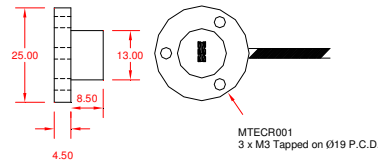
MTECR001 & MTT3001

T³ Turbo-Machinery Tip-Timing Eddy Current Probe & Driver

-  'Plug & Play' compatibility with a wide range of tip-timing data acquisition systems
-  Simple installation & connection
-  Three outputs: processed tip timing pulse arrival time, scaled tip clearance & raw signal
-  Immune from contamination
-  Compact & cost-effective



MTT3001 - Driver



Technical Specification

Output Pulse	5V positive going, 10 to 15 microseconds wide.		
Measurement Range	0 to 7 mm (approx ½ probe diameter)		
Frequency Response	AC Vibration	200Hz – 20kHz	
Operating Temperature	Probe	-20°C to +250°C (continuous)	
		-20°C to +300°C (intermittent)	
	Driver	-20°C to +85°C	
Connectors	Probe	SMC miniature coaxial	
Signal Outputs	Driver	3 x BNC sockets	
Power Input	15-30V DC & 80mA max via Lumberg DC Connector		
Weight	200g max		
Dimensions:	Probe	Probe Height	13mm
		(including flange)	
		Probe Diameter	13mm
		Flange Height	4.5mm
	Driver	Flange Diameter	25mm
	Driver	64 x 30 x 85mm	
Control Settings	Polarity	+ve for more gap than blade -ve for more blade than gap	
	Gain	Adjust for 5-7V raw signal	